

Dr. Rendle, one of the most distinguished members of the International Nomenclature Commission, interprets that in saying that there *may be intentional orthographic errors*, i. e. orthographical changes deliberately adopted by the author, and these cannot be modified.

Now, if there is a case in which a so-called intentional error may be considered, it is this one, because the author of the name *Lespedeza* could not possibly guess how it should be written. It is so much the more obvious that if an "over-enthusiastic" botanist would correct it to-day, it would be quite impossible, because he would not know how. If he corrects it to begin with *Ces*, he will be unable to prevent another from correcting it to begin with *Zes*, *Thes*, or even *Fes* to satisfy the Portuguese pronunciation. We would have thus five valid names for the same thing, a very queer consequence of "overenthusiasm" in botany.

We conclude, therefore, that nobody is entitled to alter the name *Lespedeza* and, consequently, the well-known Ochnaceous name *Cespedesia* remains also perfectly valid.

BOTANICAL GARDEN AND MUSEUM,
Geneva.

DRABA IN TEMPERATE NORTHEASTERN AMERICA

M. L. FERNALD

(Concluded from page 371)

LIST OF EXSICCATAE CITED

- | | |
|---|--|
| Abbe, E. C. | |
| 371 glabella Pursh | 387 fladnizensis Wulfen, var.
heterotricha (Lindbl.) Ball |
| 372 nivalis Liljebl. | 1261 glabella Pursh, var. mega-
sperma (Fernald &
Knowlt.) Fernald |
| 374 crassifolia Graham | 1262 norvegica Gunner |
| 375 fladnizensis Wulfen, var.
heterotricha (Lindbl.) Ball | Abbe & Brooks |
| 376 fladnizensis Wulfen, var.
heterotricha (Lindbl.) Ball | 364 glabella Pursh |
| 377 nivalis Liljebl. | 365 glabella Pursh |
| 378 nivalis Liljebl. | 366 norvegica Gunner |
| 379 fladnizensis Wulfen, var.,
heterotricha (Lindbl.) Ball | 367 glabella Pursh |
| 380 fladnizensis Wulfen, var.
heterotricha (Lindbl.) Ball | 368 norvegica Gunner |
| 381 fladnizensis Wulfen, var.
heterotricha (Lindbl.) Ball | Abbe & Hogg |
| 383 nivalis Liljebl. | 369 nivalis Liljebl. |
| 384 fladnizensis Wulfen, var.
heterotricha (Lindbl.) Ball | Abbe, Hogg & Forbes |
| 385 rupestris R. Br. | 370 incana L., var. confusa
(Ehrh.) Liljebl. |
| 386 fladnizensis Wulfen, var.
heterotricha (Lindbl.) Ball | |

Abbe & Odell

- 373 fladnizensis Wulfen, var.
heterotricha (Lindbl.) Ball
382 fladnizensis Wulfen, var.
heterotricha (Lindbl.) Ball

Abbe & Pease

- 363 norvegica Gunner

Allen, J. A.

- 25 glabella Pursh
76 incana L., var. confusa
(Ehrh.) Liljebl.

Bell, Robert

- 2027 rupestris R. Br.

Bishop, Harlow

- 324 nivalis Liljebl.
325 glabella Pursh
326 glabella Pursh
327 incana L.

Blake, S. F.

- 5590 incana L., var. confusa
(Ehrh.) Liljebl.

**Bowdoin College Expedition,
1891.**

- 269 incana L.

Butters & Buell

- 367 arabisans Michx.

Butters & Holway

- 40 aurea M. Vahl

Campbell, Robert

- 66,722 glabella Pursh

Collins & Fernald

- 88 incana L.
89 incana L., var. confusa
(Ehrh.) Liljebl.
90 lanceolata Royle
91 glabella Pursh, var. mega-
sperma (Fern. & Knowlt.)
Fernald
94 pycnosperma Fern. &
Knowlt.

Cooper, W. S.

- 40 arabisans Michx. and ara-
bisans, var. canadensis
(Brunet) Fern. & Knowlt.
112 incana L.

Delabarre, E. B.

- 93 aurea M. Vahl

Dodge, Griscom & Pease

- 25,773 clivicola Fernald

Dodge & Pease

- 25,787 nivalis Liljebl.
26,130 clivicola Fernald

Eames, A. J.

- 12,081 arabisans Michx.

Eggleston, W. W.

- 132 arabisans Michx.

Ehlers, J. H.

- 1103 arabisans Michx.
1352 arabisans Michx.

Erdmann

- 63 aurea M. Vahl

Erlanson, C. & E.

- 648 arabisans Michx.

Fassett, N. C.

- 15,566 lanceolata Royle

**Fernald, Bartram, Long & St.
John**

- 7503 incana L., var. confusa
(Ehrh.) Liljebl.
7504 incana L., var. confusa
(Ehrh.) Liljebl.

Fernald & Collins

- 92 arabisans Michx.
93 arabisans Michx.
226 Allenii Fernald
577 minganensis (Victorin) Fern-
ald
578 minganensis (Victorin) Fern-
ald
579 minganensis (Victorin) Fern-
ald
580 glabella Pursh, var. mega-
sperma (Fern. & Knowlt.)
Fernald
581 Allenii Fernald
582 glabella Pursh, var. ortho-
carpa (Fern. & Knowlt.)
Fernald
583 glabella Pursh, var. mega-
sperma (Fern. & Knowlt.)
Fernald
1064 minganensis (Victorin) Fern-
ald
1065 minganensis (Victorin) Fern-
ald
1066 arabisans Michx.
1067 arabisans Michx.

- 1068 *arabisans* Michx.
 1069 *arabisans* Michx.
 1070 *arabisans* Michx.
 1071 *pycnosperma* Fernald & Knowlton
 1072 *pycnosperma* Fernald & Knowlton
 1073 *pycnosperma* Fernald & Knowlton
 1074 *pycnosperma* Fernald & Knowlton
 1076 *glabella* Pursh
 1076a *glabella* Pursh
 1077 *lanceolata* Royle
 1078 *lanceolata* Royle
 1079 *lanceolata* Royle
 1080 *incana* L., var. *confusa* (Ehrh.) Liljeb.
 1081 *incana* L., var. *confusa* (Ehrh.) Liljeb.
 1082 *incana* L.
 1212 *glabella* Pursh, var. *orthocarpa* (Fern. & Knowlt.) Fernald
- Fernald, Dodge & Smith**
 25,772 *arabisans* Michx.
- Fernald, Griscom & Gilbert**
 28,355 *laurentiana* Fernald
 28,372 *norvegica* Gunner
- Fernald, Griscom & Mackenzie**
 25,781 *Allenii* Fernald
 25,786 *nivalis* Liljeb.
- Fernald, Griscom, Mackenzie, Pease & Smith**
 25,779 *Allenii* Fernald
 25,782 *Allenii* Fernald
 25,785 *nivalis* Liljeb.
- Fernald, Griscom, Pease & Smith**
 25,783 *Allenii* Fernald
 25,789 *clivicola* Fernald
- Fernald & Gilbert**
 28,365 *glabella* Pursh
- Fernald & Long**
 28,343 *nivalis* Liljeb.
 28,344 *nivalis* Liljeb.
 28,345 *nivalis* Liljeb.
 28,346 *nivalis* Liljeb.
 28,349 *incana* L., var. *confusa* (Ehrh.) Liljeb.
 28,358 *glabella* Pursh, var. *megasperma* (Fern. & Knowlt.) Fernald
- 28,366 *arabisans* Michx.
 28,367 *arabisans* Michx.
 28,369 *pycnosperma* Fern. & Knowlt.
 28,370 *glabella* Pursh
 28,371 *glabella* Pursh, var. *megasperma* (Fern. & Knowlt.) Fernald
 28,391 *norvegica* Gunner
 28,396 *norvegica* Gunner
 28,397 *norvegica* Gunner, var. *hebecarpa* (Lindbl.) O. E. Schulz
 28,398 *norvegica* Gunner, var. *hebecarpa* (Lindbl.) O. E. Schulz
 28,399 *norvegica* Gunner, var. *pleiophylla* Fernald
 28,400 *norvegica* Gunner and var. *pleiophylla* Fernald
 28,401 *norvegica* Gunner
 28,402 *norvegica* Gunner
 28,403 *glabella* Pursh
 28,407 *norvegica* Gunner, var. *pleiophylla* Fernald
 28,408 *norvegica* Gunner
 28,408a *norvegica* Gunner, var. *pleiophylla* Fernald
 28,409 *norvegica* Gunner
 28,410 *norvegica* Gunner
- Fernald, Long & Dunbar**
 26,703 *norvegica* Gunner
 26,704 *norvegica* Gunner
 26,705 *norvegica* Gunner, var. *pleiophylla* Fernald
 26,706 *incana* L., var. *confusa* (Ehrh.) Liljeb.
 26,707 *incana* L., var. *confusa* (Ehrh.) Liljeb.
 26,708 *incana* L., var. *confusa* (Ehrh.) Liljeb.
 26,709 *incana* L., var. *confusa* (Ehrh.) Liljeb.
 26,710 *norvegica* Gunner
 26,711 *norvegica* Gunner
 26,712 *norvegica* Gunner and var. *hebecarpa* (Lindbl.) O. E. Schulz
 26,713 *laurentiana* Fernald
 26,714 *laurentiana* Fernald
 26,715 *incana* L., var. *confusa* (Ehrh.) Liljeb.
- Fernald, Long & Fogg**
 281 *norvegica* Gunner
 1729 *incana* L., var. *confusa* (Ehrh.) Liljeb.

- 1730 *incana* L., var. *confusa*
(Ehrh.) Liljebl.
1731 *laurentiana* Fernald
1732 *arabisans* Michx.
1733 *arabisans* Michx.
1735 *arabisans* Michx.
1736 *arabisans* Michx.
1737 *glabella* Pursh
1738 *arabisans* Michx.
1739 *arabisans* Michx.
1740 *arabisans* Michx.
1741 *norvegica* Gunner
1742 *norvegica* Gunner, var. *hebecarpa*
(Lindbl.) O. E. Schulz
1743 *norvegica* Gunner
1744 *norvegica* Gunner, var. *hebecarpa*
(Lindbl.) O. E. Schulz
1745 *norvegica* Gunner
1746 *norvegica* Gunner, var. *pleiophylla*
Fernald
1747 *norvegica* Gunner, var. *pleiophylla*
Fernald
1748 *norvegica* Gunner, var. *pleiophylla*
Fernald
1748½ *glabella* Pursh
1749 *arabisans* Michx., var. *canadensis*
(Brunet) Fern. & Knowlt.
1750 *norvegica* Gunner, var. *pleiophylla*
Fernald
1751 *glabella* Pursh
1752 *glabella* Pursh, var. *megasperma*
(Fern. & Knowlt.) Fernald
- Fernald, Long & Gilbert**
28,352 *incana* L., var. *confusa*
(Ehrh.) Liljebl.
- Fernald, Long & St. John**
7505 *incana* L., var. *confusa*
(Ehrh.) Liljebl.
- Fernald & Pease**
3316 *arabisans* Michx.
3317 *arabisans* Michx., var. *canadensis*
(Brunet) Fern. & Knowlt.
3318 *lanceolata* Royle
25,089 *incana* L.
25,090 *arabisans* Michx.
25,091 *arabisans* Michx.
25,092 *glabella* Pursh, var. *megasperma*
(Fern. & Knowlt.) Fernald
25,093 *glabella* Pursh
- 25,094 *glabella* Pursh and var. *orthocarpa*
(Fern. & Knowlt.) Fern.
25,095 *glabella* Pursh
25,096 *clivicola* Fernald
25,097 *Allenii* Fernald
25,099 *nivalis* Liljebl.
25,100 *nivalis* Liljebl.
- Fernald & Smith**
25,777 *clivicola* Fernald
25,778 *clivicola* Fernald
25,780 *Allenii* Fernald
25,784 *Allenii* Fernald
25,788 *nivalis* Liljebl.
- Fernald & Weatherby**
2447 *glabella* Pursh, var. *orthocarpa*
(Fern. & Knowlt.) Fernald
2448 *glabella* Pursh
- Fernald, Weatherby & Stebbins**
2446 *lanceolata* Royle
- Fernald & Wiegand**
3453 *incana* L., var. *confusa*
(Ehrh.) Liljebl.
3456 *glabella* Pursh, var. *megasperma*
(Fern. & Knowlt.) Fernald
3458 *glabella* Pursh, var. *megasperma*
(Fern. & Knowlt.) Fernald
3460 *norvegica* Gunner, var. *pleiophylla*
Fernald
3461 *norvegica* Gunner, var. *pleiophylla*
Fernald
3462 *norvegica* Gunner, var. *pleiophylla*
Fernald
3463 *norvegica* Gunner, var. *pleiophylla*
Fernald
- Fernald, Wiegand & Bartram**
5457 *glabella* Pursh
5458 *glabella* Pursh, var. *megasperma*
(Fern. & Knowlt.) Fernald
5458a *glabella* Pursh
5459 *norvegica* Gunner
- Fernald, Wiegand & Darlington**
5460 *norvegica* Gunner
5461 *arabisans* Michx.
5462 *arabisans* Michx.
5463 *arabisans* Michx.
- Fernald, Wiegand & Kittredge**
3452 *incana* L.

- 3454 incana L., var. confusa
(Ehrh.) Liljebl.
3455 rupestris R. Br.
3457 glabella Pursh, var. megasperma (Fern. & Knowlt.)
Fernald
3459 arabisans Michx.

Fernald, Wiegand & Long

- 28,263 glabella Pursh, var. megasperma (Fern. & Knowlt.)
Fernald
28,347 nivalis Liljebl.
28,351 incana L., var. confusa
(Ehrh.) Liljebl.
28,391 norvegica Gunner
28,405 norvegica Gunner
28,406 norvegica Gunner and glabella Pursh
24,412 norvegica Gunner, var. pleiophylla Fernald
28,413 norvegica Gunner

**Fernald, Wiegand, Long,
Gilbert & Hotchkiss**

- 28,354 incana L., var. confusa
(Ehrh.) Liljebl.
28,356 glabella Pursh
28,392 norvegica Gunner
28,393 norvegica Gunner
28,394 norvegica Gunner, var. pleiophylla Fernald
28,411 norvegica Gunner

**Fernald, Wiegand, Pease, Long,
Griscom, Gilbert & Hotchkiss**

- 20,380 norvegica Gunner, var. pleiophylla Fernald
28,350 incana L., var. confusa
(Ehrh.) Liljebl.
28,374 norvegica Gunner
28,380 norvegica Gunner, var. pleiophylla Fernald
28,382 norvegica Gunner
28,383 norvegica Gunner, var. pleiophylla Fernald
28,384 norvegica Gunner
28,385 norvegica Gunner, var. hebecarpa (Lindbl.) O. E. Schulz
28,386 norvegica Gunner
28,387 norvegica Gunner, var. hebecarpa (Lindbl.) O. E. Schulz
28,388 norvegica Gunner

Gardner, G.

- 317a glabella Pursh
377 glabella Pursh

Gooding, L. M.

- 1404 aurea M. Vahl

Griscom, Ludlow

- 28,364 laurentiana Fernald

Griscom, Mackenzie & Smith

- 25,770 glabella Pursh, var. megasperma (Fern. & Knowlt.)
Fernald

Griscom & Pease

- 25,775 clivicola Fernald
25,776 clivicola Fernald

House, H. D.

- 9436 arabisans Michx.

Johansen, Frits

- 93,671 incana L., var. confusa
(Ehrh.) Liljebl.

Kelsey & Jordan

- 65 glabella Pursh

Kennedy, R. B.

- 1 incana L., var. confusa
(Ehrh.) Liljebl.
2 incana L., var. confusa
(Ehrh.) Liljebl.
3 incana L., var. confusa
(Ehrh.) Liljebl.

Low, A. P.

- 63,140 norvegica Gunner
63,143 glabella Pursh
63,144 glabella Pursh
63,145 aurea M. Vahl
63,146 aurea M. Vahl

McFarlin, J. B.

- 2174 arabisans Michx.
2246 arabisans Michx.

Mackenzie & Griscom

- 10,268 arabisans Michx.
10,269 arabisans Michx.
11,079 glabella Pursh
11,089a incana L.

Macoun, J. M.

- 1920 minganensis (Victorin) Fernald
79,065 glabella Pursh, var. orthocarpa (Fern. & Knowlt.)
Fernald
79,066 glabella Pursh
79,068 glabella Pursh, var. orthocarpa (Fern. & Knowlt.)
Fernald

- 79,069 *alpina* L.
 79,070 *nemorosa* L., var. *lejocarpa*
 Liljebl.
 79,072 *alpina* L., var. *nana* Hook.
 and *fladnizensis* Wulfen,
 var. *heterotricha* (Lindbl.)
 Ball

Macoun, John

- 19 *incana* L., var. *confusa*
 (Ehrh.) Liljebl.
 20 *arabisans* Michx.
 178 *nemorosa* L., var. *lejocarpa*
 Liljebl.
 477 *nemorosa* L., var. *lejocarpa*
 Liljebl.
 2014 *nemorosa* L., var. *lejocarpa*
 Liljebl.
 10,276 *aurea* M. Vahl
 18,987 *norvegica* Gunner

Malte, M. O.

- 118,919 *glabella* Pursh, var. *brachy-*
carpa (Rupr.) Fernald
 119,988 *alpina* L.
 120,038 *fladnizensis* Wulfen, var.
heterotricha (Lindbl.) Ball
 120,062 *fladnizensis* Wulfen, var.
heterotricha (Lindbl.) Ball
 120,092 *crassifolia* Graham
 120,098 *nivalis* Liljebl.
 120,136 *fladnizensis* Wulfen, var.
heterotricha (Lindbl.) Ball
 120,136a *fladnizensis* Wulfen, var.
heterotricha (Lindbl.) Ball
 120,159 *nivalis* Liljebl.
 120,198 *glabella* Pursh, var. *brachy-*
carpa (Rupr.) Fernald
 120,203 *glabella* Pursh
 120,209 *glabella* Pursh
 120,243 *glabella* Pursh, var. *brachy-*
carpa (Rupr.) Fernald

Patterson, H. N.

- 7 *aurea* M. Vahl

Payson & Payson

- 5024 *aurea* M. Vahl

Pease, A. S.

- 5094 *glabella* Pursh
 5437 *pycnosperma* Fern. &
 Knowlt.
 5450 *pycnosperma* Fern & Knowlt.
 7350 *glabella* Pursh
 7353 *glabella* Pursh
 7355 *arabisans* Michx.
 7356 *arabisans* Michx.
 7357 *glabella* Pursh

- 7358 *glabella* Pursh
 7359 *pycnosperma* Fern. &
 Knowlt.
 7361 *pycnosperma* Fern. &
 Knowlt.
 11,981 *arabisans* Michx.
 19,227 *glabella* Pursh
 19,239 *pycnosperma* Fern. &
 Knowlt.
 20,159 *glabella* Pursh, var. *ortho-*
carpa (Fern. & Knowlt.)
 Fernald
 20,194 *Peasei* Fernald
 20,205 *arabisans* Michx.
 20,208 *arabisans* Michx.
 20,219 *incana* L.
 20,241 *arabisans* Michx.
 20,242 *pycnosperma* Fern. &
 Knowlt.
 20,614 *lanceolata* Royle
 23,487 *arabisans* Michx.
 23,633 *arabisans* Michx.

Pease & Griscom

- 28,342 *nivalis* Liljebl.
 28,357 *laurentiana* Fernald
 28,377 *norvegica* Gunner
 28,378 *norvegica* Gunner, var. *pleio-*
phylla Fernald
 28,379 *glabella* Pursh

Pease & Long

- 28,359 *laurentiana* Fernald
 28,360 *glabella* Pursh, var. *mega-*
sperma (Fern. & Knowlt.)
 Fernald
 28,390 *norvegica* Gunner

Pease, Long & Gilbert

- 28,373 *norvegica* Gunner

Pease & Smith

- 25,771 *clivicola* Fernald
 25,774 *clivicola* Fernald

Perry & Myers

- 750 *aprica* Beadle
 751 *aprica* Beadle

Potter, David

- 546 *minganensis* (Victorin) Fern-
 ald
 549 *norvegica* Gunner
 584 *incana* L., var. *confusa*
 (Ehrh.) Liljebl.

Povah, Brown & McFarlin

- 3671B *incana* L.

Priest, M. E.

E1 laurentiana Fernald

Rolland-Germain

15,640 arabisans Michx., var. canadensis (Brunet) Fernald & Knowlt.

Rousseau, Jacques

24,831 glabella Pursh, var. orthocarpa (Fern. & Knowlt.) Fernald

24,833 arabisans Michx.

24,841 arabisans Michx.

26,322 arabisans Michx., var. canadensis (Brunet) Fern. & Knowlt.

26,353 glabella Pursh, var. orthocarpa (Fern. & Knowlt.) Fernald

26,389 glabella Pursh, var. orthocarpa (Fern. & Knowlt.) Fernald

26,442 glabella Pursh

26,487 arabisans Michx.

26,503 glabella Pursh

26,508 glabella Pursh

26,548 glabella Pursh, var. orthocarpa (Fern. & Knowlt.) Fernald

26,582 minganensis (Victorin) Fernald

26,585 lanceolata Royle

26,613 arabisans Michx.

26,695 arabisans Michx.

26,703 arabisans Michx.

31,007 minganensis (Victorin) Fernald

31,072 glabella Pursh

31,150 pycnosperma Fern. & Knowlt.

31,151 glabella Pursh, var. megasperma (Fern. & Knowlt.) Fernald

31,214 incana L.

31,222 incana L.

31,223 glabella Pursh, var. orthocarpa (Fern. & Knowlt.) Fernald

32,335 arabisans Michx.

Rydberg, P. A.

516 aurea M. Vahl

9666 arabisans Michx.

St. John, Harold

1890 incana L., var. confusa (Ehrh.) Liljebl.

1893 incana L., var. confusa (Ehrh.) Liljebl.

90,475 glabella Pursh, var. megasperma (Fern. & Knowlt.) Fernald

90,476 glabella Pursh

90,477 incana L.

90,478 incana L., var. confusa (Ehrh.) Liljebl.

90,479 incana L., var. confusa (Ehrh.) Liljebl.

90,480 incana L., var. confusa (Ehrh.) Liljebl.

90,481 incana L., var. confusa (Ehrh.) Liljebl.

90,482 incana L., var. confusa (Ehrh.) Liljebl.

90,484 glabella Pursh, var. megasperma (Fern. & Knowlt.) Fernald

90,485 glabella Pursh, var. orthocarpa (Fern. & Knowlt.) Fernald

Schmitt, C.

289 alpina L.

Sewall, C. S.

40 incana L.

77 (in part) incana L., var. confusa (Ehrh.) Liljebl.

79 incana L.

169 incana L., var. confusa (Ehrh.) Liljebl.

516 nivalis Liljebl.

519 glabella Pursh

Sornborger, J. D.

61 Sornborgeri Fernald

70 incana L.

173 glabella Pursh

175 crassifolia Graham and Sornborgeri Fernald

Spreadborough, W.

16,272 glabella Pursh

Stebbins, G. L., jr.

783 arabisans Michx.

Stebbins et al.

143 lanceolata Royle

144 lanceolata Royle

Stecker, Adolph

212x fladnizensis Wulfen, var. heterotricha (Lindbl.) Ball

216 aurea M. Vahl

Turner, L. M.

- 4842 *glabella* Pursh
6316 *glabella* Pursh

Victorin, Marie-

- 30 *glabella* Pursh, var. *orthocarpa* (Fern. & Knowlt.) Fernald
573 *glabella* Pursh, var. *orthocarpa* (Fern. & Knowlt.) Fernald
3140 *glabella* Pursh, var. *megasperma* (Fern. & Knowlt.) Fernald
3203 *glabella* Pursh, var. *orthocarpa* (Fern. & Knowlt.) Fernald
3867 *arabisans* Michx.
4128 *arabisans* Michx.
4134 *glabella* Pursh, var. *megasperma* (Fern. & Knowlt.) Fernald
4139 *incana* L.
9587 *glabella* Pursh
15,638 *arabisans* Michx.
15,639 *arabisans* Michx.
24,839 *arabisans* Michx.

Victorin, Brunel & Rousseau

- 17,376 *pycnosperma* Fernald & Knowlton
17,377 *pycnosperma* Fernald & Knowlton

Victorin & Rolland

- 9484 *incana* L., var. *confusa* (Ehrh.) Liljebl.
9485 *incana* L., var. *confusa* (Ehrh.) Liljebl.
9486 *incana* L., var. *confusa* (Ehrh.) Liljebl.
18,244 *laurentiana* Fernald
18,245 *glabella* Pursh, var. *megasperma* (Fern. & Knowlt.) Fern.
18,246 *laurentiana* Fernald
18,247 *incana* L., var. *confusa* (Ehrh.) Liljebl.
18,248 *incana* L., var. *confusa* (Ehrh.) Liljebl.
18,249 *incana* L., var. *confusa* (Ehrh.) Liljebl.
18,250 *incana* L., var. *confusa* (Ehrh.) Liljebl.
18,251 *laurentiana* Fernald
18,252 *laurentiana* Fernald
18,253 *laurentiana* Fernald
18,254 *glabella* Pursh, var. *mega-*

- sperma* (Fern. & Knowlt.) Fernald
18,255 *glabella* Pursh, var. *megasperma* (Fern. & Knowlt.) Fernald
18,256 *laurentiana* Fernald
18,257 *glabella* Pursh, var. *megasperma* (Fern. & Knowlt.) Fernald
18,383 *glabella* Pursh
21,032 *incana* L.
21,465 *incana* L., var. *confusa* (Ehrh.) Liljebl.
21,466 *glabella* Pursh, var. *megasperma* (Fern. & Knowlt.) Fernald
21,469 *glabella* Pursh, var. *orthocarpa* (Fern. & Knowlt.) Fernald
21,471 *glabella* Pursh
21,472 *glabella* Pursh, var. *megasperma* (Fern. & Knowlt.) Fernald
21,475 *incana* L., var. *confusa* (Ehrh.) Liljebl.
21,476 *glabella* Pursh, var. *megasperma* (Fern. & Knowlt.) Fernald
21,477 *laurentiana* Fernald
21,478 *glabella* Pursh, var. *megasperma* (Fern. & Knowlt.) Fernald
21,481 *glabella* Pursh, var. *megasperma* (Fern. & Knowlt.) Fernald
24,828 *minganensis* (Victorin) Fernald
24,861 *glabella* Pursh, var. *megasperma* (Fern. & Knowlt.) Fernald
24,862 *glabella* Pursh, var. *megasperma* (Fern. & Knowlt.) Fernald
24,863 *laurentiana* Fernald
24,864 *incana* L.
24,865 *glabella* Pursh, var. *megasperma* (Fern. & Knowlt.) Fernald
24,866 *glabella* Pursh, var. *megasperma* (Fern. & Knowlt.) Fernald
24,867 *glabella* Pursh, var. *megasperma* (Fern. & Knowlt.) Fernald
24,869 *glabella* Pursh, var. *megasperma* (Fern. & Knowlt.) Fernald
27,192 *incana* L.
27,310 *incana* L.

- 27,311 *incana* L.
 27,312 *glabella* Pursh, var. *megasperma* (Fern. & Knowlt.) Fernald
 27,313 *glabella* Pursh, var. *megasperma* (Fern. & Knowlt.) Fernald
 27,314 *glabella* Pursh, var. *megasperma* (Fern. & Knowlt.) Fernald

Victorin, Rolland, Brunel & Rousseau

- 17,375 *pycnosperma* Fernald & Knowlton
 17,378 *arabisans* Michx.
 17,379 *pycnosperma* Fernald & Knowlton
 17,380 *pycnosperma* Fernald & Knowlton
 17,381 *incana* L.
 17,382 *arabisans* Michx.
 17,383 *arabisans* Michx.
 17,384 *incana* L.
 17,386 *incana* L.
 17,387 *pycnosperma* Fernald & Knowlton

Victorin, Rolland & Jacques

- 33,437 *arabisans* Michx.
 33,586 *arabisans* Michx.
 33,675 *nivalis* Liljebl.
 33,676 *glabella* Pursh
 33,774 *glabella* Pursh, var. *megasperma* (Fern. & Knowlt.) Fernald

Victorin, Rolland & Louis-Marie

- 21,467 *incana* L.

- 21,468 *incana* L.
 21,473 *incana* L.
 21,474 *glabella* Pursh
 21,479 *incana* L.

Waghorne, A. C.

- 14 *glabella* Pursh, var. *megasperma* (Fern. & Knowlt.) Fernald
 19 *glabella* Pursh
 22 *arabisans* Michx.
 27 *norvegica* Gunner

Wetmore, R. H.

- 102,959 *incana* L.

Wiegand, Gilbert & Hotchkiss

- 28,353 *incana* L., var. *confusa* (Ehrh.) Liljebl.
 28,368 *arabisans* Michx.
 28,375 *norvegica* Gunner
 28,376 *norvegica* Gunner
 28,389 *norvegica* Gunner
 28,395 *norvegica* Gunner

Wiegand, Griscom & Hotchkiss

- 28,348 *incana* L.
 28,360 *laurentiana* Fernald
 28,361 *glabella* Pursh, var. *megasperma* (Fern. & Knowlt.) Fernald

Wolf & Rothrock

- 634 *aurea* M. Vahl

Woodworth, R. H.

- 239 *fladnizensis* Wulfen, var. *heterotricha* (Lindbl.) Ball
 240 *nivalis* Liljebl.
 240½ *glabella* Pursh

EXPLANATION OF PLATES 290-319

PLATE 290. *DRABA ALPINA* L. FIG. 1, flowering plant, × 1, from Dovre, Norway, July, 1902, *Gustaf Peters*; FIG. 2, small fruiting plant, × 1, from Torne Lappmark, July 21, 1924, *Carl G. Alm*; FIG. 3, portion of rosette, × 10, to show long ciliation, from same collection as FIG. 2; FIG. 4, summit of scape, × 10, from same collection as FIGS. 2 and 3; FIG. 5, fruiting plant, × 1, of var. *NANA* Hook., from Mansfield Island, Hudson Bay, August 30, 1884, *R. Bell* (isotype of *D. Bellii* Holm); FIG. 6, flowering plant × 1, of var. *NANA*, from North Star Bay, Thule, northwest Greenland, *W. E. Ekblaw*, no. 411; FIG. 7, leaves, × 10, of no. 411.

PLATE 291. *D. FLADNIZENSIS* Wulfen, var. *HETEROTRICHA* (Lindblom) Ball. FIG. 1, small plant in flower, × 1, from North Star Bay, northwestern Greenland, *Ekblaw*, no. 421; FIG. 2, fruiting plant, × 1, from East Bay, Ikordlearsuk, Labrador, *Abbe & Odell*, no. 382; FIG. 3, tips of leaves, × 10, from *Ekblaw*, no. 421; FIGS. 4 and 5, valve and septum, × 10, from Torne Lappmark, Sweden, August 27, 1917, *Carl G. Alm*.

PLATE 292. *D. ALLENII* Fernald, n. sp. FIG. 1, small piece of flowering plant, $\times 1$, from Pease Basin, between Mts. Logan and Pembroke, Matane Co., Quebec, *Fernald et al.*, no. 25,782; FIG. 2, small piece of fruiting plant from Tabletopped Mountain, Gaspé Co., Quebec, August 10, 1881, *J. A. Allen*; FIG. 3, portion of rosette, $\times 10$, from Fernald Pass, Mt. Mattaouisse, Quebec, *Fernald et al.*, no. 25,779 (TYPE of species); FIG. 4, flowers from no. 25,782; FIGS. 5 and 6, valve and septum, with seeds, $\times 10$, from FIG. 2.

PLATE 293. *D. RUPESTRIS* R. Br. FIG. 1, small flowering plant, $\times 1$, from the type locality, Ben Lawers, Scotland, *Arnott*; FIG. 2, fruiting plant from Pointe Riche, Newfoundland, *Fernald & Wiegand*, no. 3455; FIG. 3, flowering plant from Battle Island, Labrador, August 3, 1913, *W. E. Ekblaw*; FIG. 4, rosette-leaves, $\times 10$, from Pointe Riche, Newfoundland, no. 3455.

PLATE 294. *D. CRASSIFOLIA* Graham. FIG. 1, three of the original specimens, $\times 1$, from summits of the Rocky Mts., *Drummond*; FIG. 2, two plants, $\times 1$, from Ramah, Labrador, *Sornborger*, no. 175; FIG. 3, fruiting plant, $\times 1$, from Disco, Greenland, June 28, 1924, *M. P. Porsild*; FIG. 4, flowering plant, $\times 1$, from Disco, June 27, 1929, *R. T. Porsild*; FIG. 5, leaf and base of scape, $\times 10$, from Ramah, *Sornborger*, no. 175; FIG. 6, flower, $\times 10$, from Disco, Greenland, June 27, 1929, *R. T. Porsild*.

PLATE 295. *D. NIVALIS* Liljeblad and *D. PEASEI* Fernald, n. sp. FIG. 1, flowering plant, $\times 1$, of *D. NIVALIS*, from North Star Bay, Thule, northwestern Greenland, *Ekblaw*, no. 238; FIG. 2, fruiting plant, $\times 1$ of *D. NIVALIS* from Hayes Harbor, near Etah, Greenland, *Ekblaw*, no. 239; FIG. 3, rosette-leaves, $\times 10$, of *D. NIVALIS* from Little Quirpon, Newfoundland, *Fernald & Long*, no. 28,343; FIG. 4, type of *D. PEASEI*, $\times 1$, from Cape Rosier, Quebec, *Pease*, no. 20,194; FIG. 5, tips of rosette-leaves of *D. PEASEI*, $\times 10$, from the TYPE; FIG. 6, valve, $\times 10$, of *D. PEASEI*, from the TYPE; FIG. 7, septum and seeds, $\times 10$, of *D. PEASEI*, from the TYPE.

PLATE 296. *D. AUREA* M. Vahl. FIG. 1, small flowering plant, $\times 1$, from Upernivik Ø, Sandsten, Greenland, 14 Juli 1929, *M. P. & R. T. Porsild*; FIG. 2, fruiting stem, $\times 1$, from same collection as FIG. 1; FIG. 3, large fruiting plant, $\times 1$, from Sheep Mt., Waterton Lake, Alberta, *J. Macoun*, no. 10,276.

PLATE 297. *D. MINGANENSIS* (Victorin) Fernald, n. sp., and *D. LUTEOLA* Greene. FIGS. 1, 2 and 3, small flowering plants of *D. MINGANENSIS*, $\times 1$, from Île Nue, Archipel de Mingan, Quebec, *Victorin & Rolland*, no. 24,828 (ISOTYPES of *D. luteola*, var. *minganensis* Victorin); FIG. 4, flower from ISOTYPE of *D. MINGANENSIS*, $\times 10$, showing villous sepals; FIG. 5, dwarf (starved) plant of *D. MINGANENSIS*, $\times 1$, from under Cap Original, Bic, Quebec, *Fernald & Collins*, no. 578; FIG. 6, fruiting plant of *D. LUTEOLA*, $\times 1$, from near Pagosa Peak, Colorado, *C. F. Baker*, no. 351; FIG. 7, silique, $\times 10$, of no. 351.

PLATE 298. *D. MINGANENSIS* (Victorin) Fernald, n. sp. FIG. 1, fruiting plant, well developed, $\times 1$, from Cap Enragé, Bic, Quebec, July 8, 1905, *Williams, Collins & Fernald*; FIG. 2, portion of inflorescence, $\times 10$, showing the villous sepals and villous-hirsute ovary, from Cap Enragé, *Fernald & Collins*, no. 1065; FIG. 3, upper half of silique, $\times 10$, from no. 1065.

PLATE 299. *D. INCANA* L., var. *CONFUSA* (Ehrh.) Liljeblad, figs. all $\times 1$. FIG. 1, small plant, showing leafy to leafless fruiting stems (2 stems at left = var. *nana* Lindbl.) from Île Kécarpoui, Archipel de Kécarpoui, Quebec, *St. John*, no. 90,480; FIG. 2, dwarfed xerophytic extreme (isotype of var. *conica*

O. E. Schulz), from Cap Barré, Percé, Quebec, *Collins & Fernald*, no. 89; FIG. 3, plant from moist and fertile habitat, Cow Head, Newfoundland, *Fernald & Wiegand*, no. 3453; FIG. 4, dwarf xerophytic plant, with leafless or few-leaved stems (var. *nana* Lindbl.), from Sandy Cove, Ingornachoix Bay, Newfoundland, *Fernald, Long & Dunbar*, no. 26,709; FIG. 5, slender plant from same station as FIG. 2; FIG. 6, leafy plant (var. *stricta* Hartm.) from Îlets de la Baie à Jean, Quebec, *Victorin & Rolland*, no. 18,249.

PLATE 300. *D. SORNBORGERI* Fernald, n. sp., and *D. CRASSIFOLIA* Graham, var. *PARRYI* (Rydb.) O. E. Schulz. FIG. 1, TYPE, $\times 1$, of *D. SORNBORGERI*, from Ramah, Labrador, *Sornborger*, no. 61; FIG. 2, flower, $\times 10$, of *D. SORNBORGERI*, from Ramah, *Sornborger*, no. 175 in part; FIG. 3, valve, $\times 1$, from TYPE of *D. SORNBORGERI*; FIGS. 4 and 5, plants, $\times 1$, of *D. CRASSIFOLIA*, var. *PARRYI* from Gray's Peak and vicinity, Colorado, *Patterson*, no. 6.

PLATE 301. *D. NORVEGICA* Gunner. FIG. 1, small fruiting plant, $\times 1$, from Aurland, Norway, August 12, 1928, *Johannes Lid*; FIG. 2, dwarf plant in flower, $\times 1$, from Deadman Cove, Newfoundland, *Wiegand, Gilbert & Hotchkiss*, no. 28,376; FIG. 3, small flowering plant, $\times 1$, from Crow's Head, St. John Bay, Newfoundland, *Fernald, Long & Fogg*, no. 1743; FIG. 4, fragment of flowering mat (of 20 stems), $\times 1$, from Flower Cove, Newfoundland, *Fernald, Griscom & Gilbert*, no. 28,372; FIG. 5, fragment of fruiting plant, $\times 1$, from Piton Point, Newfoundland, *Wiegand, Gilbert & Hotchkiss*, no. 28,395; FIG. 6, tips of rosette-leaves, $\times 10$, from 28,376.

PLATE 302. *D. NORVEGICA* Gunner, var. *PLEIOPHYLLA* Fernald, n. var. FIG. 1, portion of fruiting plant, $\times 1$, from Ha-Ha Mountain, Newfoundland, *Fernald & Long*, no. 28,399; FIG. 2, flowering plant, $\times 1$, from Burnt Cape, Newfoundland, *Fernald et al.*, no. 20,380 (TYPE of the variety); FIG. 3, bases of rosette-leaves and lowest internode, $\times 10$, from Big Brook, Newfoundland, *Fernald & Long*, no. 28,407; FIG. 4, silique, $\times 10$, from no. 28,399.

PLATE 303. *D. CLIVICOLA* Fernald, n. sp. FIG. 1, flowering plant, $\times 1$, of the TYPE collection, Big Chimney, Mt. Mattaouisse, Quebec, *Dodge, Griscom & Pease*, no. 25,773; FIG. 2, fruiting plant, $\times 1$, of TYPE collection; FIG. 3, portion of internodes, $\times 10$, from Mt. Pembroke, Quebec, *Griscom & Pease*, no. 25,775; FIG. 4, tip of rosette-leaf, $\times 10$, from Fernald Pass, Mt. Mattaouisse, *Fernald & Smith*, no. 25,777; FIG. 5, portion of inflorescence, $\times 10$, from no. 25,775; FIG. 6, valve of ripe silique, $\times 10$, from Mt. Pembroke, *Fernald & Smith*, no. 25,778.

PLATE 304. *D. LAURENTIANA* Fernald, n. sp. FIG. 1, small flowering plant, $\times 1$, from Flower Cove, Newfoundland, *Fernald, Griscom & Gilbert*, no. 28,355; FIG. 2, portion of flowering plant (divided), $\times 1$, from Îlets Perroquets, Archipel de Mingan, Quebec, *Victorin & Rolland*, no. 18,252; FIG. 3, portion of internode, $\times 10$, from the TYPE, Grassy Island, St. John Bay, Newfoundland, *Fernald, Long & Fogg*, no. 1731; FIG. 4, valve of ripe silique, $\times 10$, from the TYPE, no. 1731.

PLATE 305. *D. LAURENTIANA* Fernald, n. sp. FIG. 1, fruiting stem, $\times 1$, from the TYPE, Grassy Island, St. John Island, Newfoundland, *Fernald, Long & Fogg*, no. 1731; FIG. 2, portion of basal-rosette, $\times 10$, from the TYPE; FIG. 3, flower, $\times 10$, from Flower Cove, Newfoundland, *Fernald, Griscom & Gilbert*, no. 28,355.

PLATE 306. *D. PYCNOSPERMA* Fernald & Knowlton. FIG. 1, small fruiting plant, $\times 1$, from Île Bonaventure, Gaspé Co., Quebec, *Victorin, Rolland*,

Brunel & Rousseau, no. 17,376; FIG. 2, portion of young basal rosette, $\times 10$, from Bonaventure Island, *Fernald & Collins*, no. 1073; FIG. 3, portion of internode, $\times 10$, from Cap Blanc, Percé, Quebec, *Collins & Fernald*, no. 94; FIG. 4, septum and characteristically crowded seeds, $\times 10$, from no. 94; FIG. 5, outer surface of valve, $\times 10$, from no. 94.

PLATE 307. *D. GLABELLA* Pursh. FIG. 1, flowering plant, $\times 1$, from St. Anthony, Newfoundland, *Abbe & Brooks*, no. 365; FIG. 2, flowering plant, $\times 1$, from Cape Mugford Peninsula, Labrador, *Abbe*, no. 371; FIG. 3, fruiting stems, $\times 1$, from mouth of Frazer River, Labrador, *Bishop*, no. 325 (near Nain, type-region of *D. Henneana* Schlechtend.); FIG. 4, portion of basal rosette, $\times 10$, from New World Island, Newfoundland, *Fernald, Wiegand & Bartram*, no. 5457; FIG. 5, portion of internode, $\times 10$, from Port Manvers, Labrador, *Dutilly & Gardner*, no. 317 a; FIG. 6, upper half of silique, $\times 10$, from *Fernald, Wiegand & Bartram*, no. 5457.

PLATE 308. *D. GLABELLA* Pursh, all figs. $\times 1$. FIG. 1, one of the 3 identical TYPE plants of *D. GLABELLA* in Herb. Brit. Mus. (from photograph presented by the Keeper, Mr. J. Ramsbottom); FIG. 2, type of *D. HENNEANA* Schlechtendal in Herb. Bot. Mus. Berlin-Dahlem (photographed by Dr. L. B. Smith from the original specimen loaned by the Curator, Prof. Johannes Milbraed); FIG. 3, TYPE of *D. DAURICA* DC. in Herb. DeCandolle (from photograph presented by Dr. Alfred Becherer and Mr. J. Francis Macbride).

PLATE 309. *D. GLABELLA* Pursh, var. *ORTHOCARPA* (Fernald & Knowlton) Fernald. FIG. 1, small plant, $\times 1$, of the TYPE collection of *D. arabisans*, var. *orthocarpa* Fernald & Knowlton, from Bic, Quebec, July 15–18, 1904, *Collins & Fernald*; FIG. 2, septum and seeds, $\times 10$, from the TYPE; FIG. 3, valve, $\times 10$, from the TYPE (note the veiny surface as in *D. GLABELLA*, as contrasted with the essentially veinless silique of *D. ARABISANS*).

PLATE 310. *D. GLABELLA* Pursh, var. *BRACHYCARPA* (Ruprecht) Fernald. FIG. 1, fruiting stems, $\times 1$, from Disco, Greenland, August 12, 1902, *M. P. Porsild*; FIG. 2, flowering plant, $\times 1$, from Godhavn, Greenland, *Simmons*, no. 16; FIG. 3, silique, $\times 10$, from same plant as fig. 2; FIG. 4, septum and seeds, $\times 10$, from fig. 2.

PLATE 311. *D. GLABELLA* Pursh, var. *MEGASPERMA* (Fernald & Knowlton) Fernald. FIG. 1, portion of flowering plant from Vieille Romaine, Archipel Ouapitagone, Quebec, *St. John*, no. 90,484; FIG. 2, portion of fruiting plant, $\times 1$, from Île St. Charles, Archipel de Mingan, Quebec, *Victorin & Rolland*, no. 18,254; FIG. 3, portion of fruiting plant, $\times 1$, from Forteau, Labrador, *Fernald & Wiegand*, no. 3457.

PLATE 312. *D. GLABELLA* Pursh, var. *MEGASPERMA* (Fernald & Knowlton) Fernald. Figs., $\times 10$, all from the TYPE of *D. megasperma* Fernald & Knowlton: Paspébiac Lighthouse, Quebec, July 26, 1902, *Williams & Fernald*. FIG. 1, portion of basal rosette; FIG. 2, portion of lowest (fractured) internode; FIG. 3, valve of ripe silique; FIG. 4, septum and seeds.

PLATE 313. *D. McCALLAE* Rydberg. FIG. 1, one of the two flowering plants, $\times \frac{1}{2}$, from valley below Mt. Aylmer, near Banff, Alberta, *McCalla*, no. 2267 (TYPE of species); FIG. 2, fruiting stem, $\times \frac{1}{2}$, from Larch Valley, Banff, *N. B. Sanson*, no. 82; FIG. 3, rosette-leaves, $\times 10$, from head of Ptarmigan Valley, Alberta, *S. Brown*, no. 387; FIG. 4, portion of lower internode, $\times 10$, from no. 387; FIG. 5, portion of flower, $\times 10$, from TYPE, to show pilose ovary; FIG. 6, silique, $\times 10$, from *Sanson*, no. 82.

PLATE 314. *D. ARABISANS* Michx. FIG. 1, portion of flowering branch, $\times 1$, from Jack Fish, Ontario, *Pease & Bean*, no. 23,487; FIG. 2, fruiting branch, $\times 1$, from the type region, Gardiner's Island, Lake Champlain, Vermont, June 17, 1881, *Faxon*; FIG. 3, characteristically forking fruiting branch, $\times 1$, from St. Fabien, Quebec, *Fernald & Collins*, no. 1068; FIG. 4, fruiting raceme, $\times 1$, from the type region, Shelburne Point, Lake Champlain, Vermont, June 25, 1913, *C. H. Knowlton*; FIG. 5, silique, $\times 10$, showing characteristically smooth valve, from the type region, Lake Champlain, Vermont, July 3, 1902, *W. R. Davis*; FIG. 6, small rosette-leaf, $\times 10$, from Hannah's Head, Newfoundland, *Fernald, Long & Fogg*, no. 1733.

PLATE 315. *D. ARABISANS* Michx. and var. *CANADENSIS* (Brunet) Fernald & Knowlton. FIG. 1, portion of fruiting branch, $\times 1$, of short-fruited plant of *D. ARABISANS*, from Bic, Quebec, *Collins & Fernald*, no. 93 (isotype of *D. megasperma*, var. *leiocarpa* O. E. Schulz); FIG. 2, short fruiting raceme of *D. ARABISANS*, $\times 1$, from Mt. Ste. Anne, Percé, Quebec, *Fernald & Collins*, no. 1070; FIG. 3, fruiting raceme, $\times 1$, of var. *CANADENSIS* from Cape Tourmente, Quebec, *Brunet* (ISOTYPE of *D. canadensis* Brunet); FIG. 4, portion of plant, $\times 1$, approaching var. *CANADENSIS*, from Tucker's Head, Newfoundland, *Fernald, Long & Fogg*, no. 1749; FIG. 5, silique, $\times 10$, of *Collins & Fernald*, no. 93 (isotype of *D. megasperma*, var. *leiocarpa*); FIG. 6, silique, $\times 10$, of ISOTYPE of *D. CANADENSIS* Brunet.

PLATE 316. *D. LANCEOLATA* Royle. FIG. 1, portion of slender fruiting plant, $\times 1$, from Bic, Quebec, *Fernald & Collins*, no. 1077; FIG. 2, portion of slender fruiting plant, $\times 1$, from Smoky Head, Bruce Co., Ontario, *Stebbins et al.*, no. 143; FIG. 3, center of basal rosette, $\times 10$, from Mt. St. Pierre, Quebec, *Fernald, Weatherby & Stebbins*, no. 2446; FIG. 4, portion of internode, $\times 10$, from Bic, Quebec, *Fernald & Collins*, no. 1077; FIG. 5, silique, $\times 10$, from Willoughby Mt., Vermont, June 25, 1884, *Faxon*.

PLATE 317. *D. LANCEOLATA* Royle. FIG. 1, flowering plant, $\times 1$, from Ajan, eastern Siberia, *Tiling*, no. 40; FIG. 2, fruiting plant, $\times 1$, from Songaria, *Schrenk*; FIG. 3, flowering stem, $\times 1$, from Willoughby Mt., Vermont, May 22, 1878, *Pringle*; FIG. 4, portion of fruiting plant from Bic, Quebec, *Rousseau*, no. 26,585; FIG. 5, fruiting plant, $\times 1$, from Fish Lake, Uintah Mts., Utah, *Goodding*, no. 1402 (isotype of *D. valida* Goodding).

PLATE 318. *D. LANCEOLATA* Royle. FIG. 1, type, $\times 1$, of *D. cana* Rydb., from Morley, Alberta, June 12, 1887, *J. Macoun* (herb. N. Y. Bot. Garden); FIG. 2, lax plant, $\times 1$, from eastern Siberia, *Studendorff*.

PLATE 319. *D. BRACHYCARPA* Nutt. (FIGS. 1-7), *D. BRACHYCARPA*, var. *FASTIGIATA* Nutt. (FIGS. 11 and 12) and *D. APRICA* Beadle (FIGS. 8-10). FIG. 1, subsimple fruiting plant of *D. BRACHYCARPA*, $\times 1$, from Sullivan Co., Indiana, *Deam*, no. 26,921; FIG. 2, small-flowered, subsimple plant, $\times 1$, from Jackson, Tennessee, *Bain*, no. 389; FIG. 3, large-flowered, subsimple plant, $\times 1$, from Bedford Co., Virginia, *Curtiss*, no. 178; FIG. 4, small branching plant, with large flowers, $\times 1$, from St. Louis, Missouri, *Engelmann*; FIG. 5, small branching and fruiting plant from Knoxville, Tennessee, *Ruth*, no. 349; FIGS 6, silique, $\times 10$, from no. 349; FIG. 7, septum and seeds, $\times 10$, from no. 349; FIG. 8, fruiting plant (divided), $\times 1$, one of the TYPE specimens of *D. APRICA* (herb. N. Y. Bot. Gard.); FIG. 9, silique, $\times 10$, from the TYPE; FIG. 10, septum and seed, $\times 10$, from the TYPE; FIG. 11, fruiting plant, $\times 1$, one of the two TYPE specimens of *D. BRACHYCARPA*, var. *FASTIGIATA* (herb. N. Y. Bot. Gard.); FIG. 12, silique, $\times 10$, from TYPE of var. *FASTIGIATA*.